Wireless Links

General Resources

Palowireless: Wireless Resources Center
http://203.147.194.107/wireless/library.asp

ACM Wireless Networks Journal

Wireless Resource Guide: Places to get information
http://www.radiodesign.com/legacy/winfo.htm

Wireless Communications Online: Guide to the Wireless World
http://www.wireless-communication.org/

Wireless Telecommunications - Companies, resources and information relating to the wireless telecommunications industry.
http://www.business.com/directory/telecommunications/wireless/

Bluetooth Wireless Telecommunications - Information regarding Bluetooth technology and companies using Bluetooth.
http://www.business.com/directory/telecommunications/wireless/bluetooth/

Wireless Communications Online: Wireless Research and Reference
http://www.wireless-communication.org/research-reference/

Wireless Advisor.Com   Find and research ALL of the wireless, cellular and digital PCS phone companies serving your area http://wirelessadvisor.com/

Wireless Knowledge Base: 34 Wireless discussion groups   w/ 31,330 active members; 16,820 Searchable Q&A messages; 646 Current Wireless news items; 1,612 Wireless docs and code; 3 Wireless newsletters http://wireless.ittoolbox.com/default2.asp

Academic Articles and Studies

Wireless Network Security: 802.11, Bluetooth and Handheld Devices
Tom Karygiannis and  Les Owens.  November 2002  119 page PDF document
NIST Special Publication 800-48

[A good webpage to know about in general is NIST’s Computer Security Resource Center (CSRC) Special Publications at  http://csrc.nist.gov/publications/nistpubs/ ]
An Overview of 802.11a and 802.11b Products by Wei-Meng Lee. Even though 802.11g has grabbed recent WiFi headlines, there's lots of useful 802.11a and 802.11b equipment available and ready for you to use right now. Wei Meng Lee provides you with this overview.


Navigating The Shifting 802.11 Sands by Jesse Lindeman & Julio Caraballo
This article takes a snapshot of and analyzes the current state of Wi-Fi standards.


Wi-Fi Factions Stir Confusion by Dan O'Shea. This article analyzes the multiple formats ofWi-Fi and how three standards measure up.


Industry Articles  [There is a lot of overlap between these “libraries.”]

CNET: Library: Wireless Internet
http://cnet.bitpipe.com/data/rlist?t=SYS_10_26_2_2
See also http://www.itpapers.com/index.html

Government Technology: Wireless Communications Systems
http://library.govtech.net/data/rlist?t=sys_40_18_2

Internet Week: Wireless Internet
http://techlibrary.internetweek.com/data/rlist?t=sys_10_26_2_2

Network Computing: Wireless LANs
http://techlibrary.networkcomputing.com/data/rlist?t=sys_10_34_4

Wireless Week
http://wirelessweek.com/index.asp

From ITtoolbox Wireless-Decision-Makers at
http://wireless.ittoolbox.com/documents/

Reducing Congestion On Wireless WANS by Chris Bogdon and Mark Ferguson To maximize the usefulness of the wireless network and keep customers satisfied, congestion must be kept to a minimum.


Wireless LAN Lockdown by Jason Brooks. In the past year, there's been some encouraging movement toward more secure wireless networking standards. However, as security standards for these networks mature, so, too, will the tactics of those who would crack them.

Understanding Zeroconf And Multicast DNS  by Heath Johns
Zeroconf, and its competitor UPnP, provide for automatic configuration and address allocation on either Ethernet or wireless networks. But it's a good bet that this protocol will become wildly popular in the wireless world. Here's how it works.

Device Profile: IR Data "Wireless Zone" by Linux Devices Staff
IR Data (Irvine, CA) has created a Linux-based portable wireless server. Dubbed the Wireless Zone, IR Data's new gadget takes advantage of Linux, Apache, and other open source technologies to creates its own 802.11b wireless (WiFi) hot zone, within which it can deliver web pages, demonstrations, presentations, and other data to other wireless-enabled devices and systems without requiring Internet access.

Industry White Papers on Wireless
http://library.fcw.com/data/search?site=fcw&qp=site_abbrev%3Afcw&cp=bpres&cr=bpres&qg=VENDOR&st=1&qt=wireless

Wireless Developer Network Library
http://www.wirelessdevnet.com/library/default.html

Wireless Week Research Library
http://wirelessweek.bitpipe.com/data/web/wwk/wwk_index.jsp

News Articles

Wireless News Archives

Copper Lines Still Shine: Now, with the FCC ready to revamp its rules, many telephony experts say that even if the former Bell telephone companies get the regulatory relief they seek, fiber to people's homes will remain a far-off dream.

Spectrum Deal Clears Way for Fast Wireless Web (Reuters, Feb. 4, 2003; 2:17 PM)


Case Study: Planning and Operating a Wireless Authentication and Policy Management System at Harvard Medical School By Bluesocket for Harvard Medical School
West Point Puts Cadets, Instructors on Wireless Net. The Military Academy at West Point has installed 802.11a wireless access points in more than 350 classrooms and labs across campus, part of a pilot project that is enabling about 450 students and teachers to tap a wireless campus network using notebook computers. The project paves the way for the entire incoming freshman class of 2007 to be issued notebook computers outfitted with 802.11a adapters in the fall semester. Class of 2006 students will have the option to upgrade their notebook computers with 802.11a adapters. The network is being provisioned by SMC Networks. "Since we're using this as an active part of classroom learning, we need bandwidth," said Col. Donald J. Welch, West Point's associate dean for information and educational technology. "One thousand cadets starting English classes at 7:30 each morning will all connect at the same time to access the same activities and information from multiple classrooms." Syllabus Magazine: Syllabus News, Resources, and Trends for Feb. 18, 2003

Wireless Gear Makers In $500m Merger Pact. “Wireless equipment maker Allen Telecom, Inc., will be acquired by Andrew Corp. in a stock-swap merger valued at $500 million. The transaction, the firms said, will make the combined company the market-leading supplier of coaxial cables, radio frequency amplifiers, microwave antennas, and several other lines of wireless infrastructure subsystems…The combined company will have about 7,000 employees and pro forma annual revenues of $1.3 billion. The deal is expected to close by the end of June.” From TR Daily, February 18, 2003


2/10/03
Order FCC 03-16: Word | Acrobat
News Release: Word
Powell Statement: Word | Acrobat
Copps Statement: Word | Acrobat
Adelstein Statement: Word

Wireless Services
- 39 GHz
- 218-219 MHz Service
- 220 MHz Service
- 700 MHz Guard Bands
- Air-Ground Radiotelephone Service
- Amateur Radio Service
- Aviation Radio Service
- Basic Exchange Telephone Radio Service
- Broadband PCS
- Cellular Radiotelephone Service
- Commercial Operators License Program
- General Wireless Communications Service (GWCS)
• Instructional Television Fixed Service (ITFS)
• Industrial/Business
• Location and Monitoring Services
• Lower 700 MHz Service
• Maritime Mobile Services
• Microwave Services
• Multichannel Multipoint Distribution Service (MMDS)
• Multipoint Distribution Service (MDS)
• Narrowband PCS
• Offshore Radiotelephone Service
• Paging Services
• Personal Radio Service
• Private Land Mobile Radio Services
• Public Safety Radio Services
• Rural Radiotelephone Service
• Specialized Mobile Radio Service
• Wireless Communications Service (WCS)

Events

CTIA WIRELESS 2003 show, March 17-19, 2003 in New Orleans
http://www.acuta.org/relation/downloadfile.cfm?docnum=678

“CTIA's WIRELESS show is the #1 ranked wireless show in the world representing the fastest growing, most dynamic segments of the telecom industry: wireless communications, Internet, computing and mobile data. This global event draws not only the traditional wireless audience of network providers, carriers and manufacturers but also brings in other industries using wireless technology; healthcare, government, education, automotive and entertainment just to name a few. In addition, over 90 countries are represented among CTIA attendees and this number is rapidly growing.”